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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/010,084

DATE: 12/17/2001
TIME: 10:08:58

Input Set : A:\ES.txt
Output Set: N:\CRF3\12172001\J010084.raw

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  3 <110> APPLICANT: Adachi, Kiichi
  4         DeZwaan, Todd M
  5         Lo, Sze Chung C
  6         Montenegro-Chamorro, Maria V
  7         Frank, Sheryl A
  8         Darveaux, Blaise A
  9         Mahanty, Sanjoy K
 10         Heiniger, Ryan W
 11         Skalchunes, Amy R
 12         Pan, Huaqin
 13         Tarpey, Rex
 14         Shuster, Jeffrey R
 15         Tanzer, Matthew M
 16         Hamer, Lisbeth
 18 <120> TITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF INHIBITORS OF HISTIDINOL-
PHOSPHATASE AS
 19         ANTIBIOTICS
 21 <130> FILE REFERENCE: 2130US
C--> 23 <140> CURRENT APPLICATION NUMBER: US/10/010,084
C--> 23 <141> CURRENT FILING DATE: 2001-12-06
 23 <160> NUMBER OF SEQ ID NOS: 3
 25 <170> SOFTWARE: PatentIn version 3.1
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 1002
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Magnaporthe grisea
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 37 cacatgccac ggacccaact gtgcgatcta tatccagaag aacttgtgcc tgacccgcac     180
 39 gcctccctcg cggagctgat gccgcgccac gctgcctaca tgaccgaggc gcgtcggctg     240
 41 caaaagaagt acgccgatcg catcaccctc ctcatcggct tcgagggcga gttcatccgg     300
 43 tccgagtacg ggacactggt gcgctcgctg ccgacggca acggcgaccc ttcctacttc     360
 45 cagaacggcg acagcaagct tgtcaccgac gccggcaagg tcgactattt catcggctcg     420
 47 ctgcaccacg gcgccggcgg catccccatc gactttgacc gcgccaccta cctacgctcc     480
 49 gttgaggccg ccggccccaa tggcgaggag gatctatttg tgcactacta cgaccagcag     540
 51 tttgagatgc tccaggccct gaggccaccc atcgtcggcc actttgatct gatccgcctg     600
 53 atgagcgagg agcctgggcg caatccgagc gcctggtccc cgaaccgcgt ctggccgctc     660
 55 atcaagcgga acctcgcgtt cgttgcgagc tacggcggct ggctcgagtg caactcgagt     720
 57 gcgctccgca aggggctcgc cgaaccgtac ccgtgccggc ccatcgcgga ggaatgggta     780
 59 aggctgggcg gtaagttcac aatgtctgac gacagccacg gcatcgcgca ggttgccaca     840
 61 aactatgtgc gagccctgga ctacctcgag tcgctcggcg tgaacgaggt ctggacgtat     900
 63 gaccgagcta agagggatc agagcttgtg gagaagggtg tgtcgtttac agagtttcgc     960
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 68 <210> SEQ ID NO: 2
 69 <211> LENGTH: 1717
 70 <212> TYPE: DNA
 71 <213> ORGANISM: Magnaporthe grisea
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76 ctggtgtggc cacctgattt catttaccgg atcaggaagg atatcctagc aagctgccaa     120
78 cattaatgga gcaagtaaaa cgtattcaag cctccgagga cccagcagcc gccctcgcgc     180
80 cccgaaatac gcgcgctttc aggcattgct tgagcctatc tttggtgggg ttacacttta     240
82 aaaaaagttg ttcctgcgtg cctcccatcc aatgcctggc atccatctta gctgaggcag     300
84 gtaccagaca cctgggtaat gaatgctaag agtcaatctc tctaggaatt taacggattt     360
86 gattggctag caaacattga ttgatttttc ttcgtacatt ccatgtacg ccgtatagca      420
88 ttacaaagag taaaagcaag tttggcctca gttaccctaa atccagatac agacagacag     480
90 acgccctccc tatctgcctt gaatggttga agttttaata gccggcatcc ctccgtttcc     540
92 actcctctct tcgtcatcat caggtatcat ctgacaacct tagagtcaac aactcaattg     600
94 catttttttt ccatcgcaaa agcaaacaca cagtcatggc cttcacaatg cactcgcact     660
96 ccgggcaatt ctgcccgggc cacgcaaaag accagttgga agacgtcatc ctccatgcca     720
98 tcagcatagg atacaagacc atgggtctca gtgagcacat gccacggacc caactgtgcg     780
100 atctatatcc agaagaactt gtgcctgacc cgcacgcctc cctcgcggag ctgatgccgc     840
102 gccacgctgc ctacatgacc gaggcgcgtc ggctgcaaaa gaagtacgcc gatcgcatca     900
104 ccctcctcat cggcttcgag ggcgagttca tccggtccga gtacgggaca ctggtgcgct     960
106 cgctggccga cggcaacggc gacccttcct acttccagaa cggcgacagc aagcttgtca    1020
108 ccgacgccgg caaggtcgac tatttcatcg gctcgctgca ccacggcgcc ggcggcatcc    1080
110 ccatcgactt tgaccgcgcc acctacctac gctccgttga ggccgccggc cccaatggcg    1140
112 aggaggatct atttgtgcac tactacgacc agcagtttga gatgctccag gccctgaggc    1200
114 cacccatcgt cggccacttt gatctgatcc gcctgatgag cgaggagcct gggcgcaatc    1260
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118 cgagctacgg cggctggctc gagtgcaact cgagtgcgct ccgcaagggg ctcgccgaac    1380
120 cgtacccgtg ccggcccatc gcggaggaat gggtaaggct gggcggtaag ttcacaatgt    1440
122 ctgacgacag ccacggcatc gcgcaggttg ccacaaacta tgtgcgagcc ctggactacc    1500
124 tcgagtcgct cggcgtgaac gaggtctgga cgtatgaccg agctaaagag ggatcagagc    1560
126 ttgtggagaa gggtgtgtcg tttacagagt ttcgcggttc cctgagactc ccaacaacgg    1620
128 cgtccaagac atcctgatgg gaagtcagcg ctcctcctca taggacatga ttttctttac    1680
130 attcctggcc tagaactagc ccctaaggct tatgaaa                             1717
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134 <211> LENGTH: 333
135 <212> TYPE: PRT
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144 Ala Lys Asp Gln Leu Glu Asp Val Ile Leu His Ala Ile Ser Ile Gly
145             20                  25                 .30
148 Tyr Lys Thr Met Gly Leu Ser Glu His Met Pro Arg Thr Gln Leu Cys
149         35                  40                  45
152 Asp Leu Tyr Pro Glu Glu Leu Val Pro Asp Pro His Ala Ser Leu Ala
153     50                  55                  60
156 Glu Leu Met Pro Arg His Ala Ala Tyr Met Thr Glu Ala Arg Arg Leu
157 65                  70                  75                  80
160 Gln Lys Lys Tyr Ala Asp Arg Ile Thr Leu Leu Ile Gly Phe Glu Gly
161             85                  90                  95
164 Glu Phe Ile Arg Ser Glu Tyr Gly Thr Leu Val Arg Ser Leu Ala Asp
165             100                 105                 110
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168 Gly Asn Gly Asp Pro Ser Tyr Phe Gln Asn Gly Asp Ser Lys Leu Val
169         115                 120                 125
172 Thr Asp Ala Gly Lys Val Asp Tyr Phe Ile Gly Ser Leu His His Gly
173         130                 135                 140
176 Ala Gly Gly Ile Pro Ile Asp Phe Asp Arg Ala Thr Tyr Leu Arg Ser
177 145                 150                 155                 160
180 Val Glu Ala Ala Gly Pro Asn Gly Glu Glu Asp Leu Phe Val His Tyr
181                 165                 170                 175
184 Tyr Asp Gln Gln Phe Glu Met Leu Gln Ala Leu Arg Pro Pro Ile Val
185             180                 185                 190
188 Gly His Phe Asp Leu Ile Arg Leu Met Ser Glu Glu Pro Gly Arg Asn
189         195                 200                 205
192 Pro Ser Ala Trp Ser Pro Asn Arg Val Trp Pro Leu Ile Lys Arg Asn
193         210                 215                 220
196 Leu Ala Phe Val Ala Ser Tyr Gly Gly Trp Leu Glu Cys Asn Ser Ser
197 225                 230                 235                 240
200 Ala Leu Arg Lys Gly Leu Ala Glu Pro Tyr Pro Cys Arg Pro Ile Ala
201                 245                 250                 255
204 Glu Glu Trp Val Arg Leu Gly Gly Lys Phe Thr Met Ser Asp Asp Ser
205             260                 265                 270
208 His Gly Ile Ala Gln Val Ala Thr Asn Tyr Val Arg Ala Leu Asp Tyr
209         275                 280                 285
212 Leu Glu Ser Leu Gly Val Asn Glu Val Trp Thr Tyr Asp Arg Ala Lys
213         290                 295                 300
216 Glu Gly Ser Glu Leu Val Glu Lys Gly Val Ser Phe Thr Glu Phe Arg
217 305                 310                 315                 320
220 Gly Ser Leu Arg Leu Pro Thr Thr Ala Ser Lys Thr Ser
221                 325                 330
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VERIFICATION SUMMARY   DATE: 12/17/2001
PATENT APPLICATION: US/10/010,084   TIME: 10:08:59

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\12172001\J010084.raw**

L:23 M:270 C: Current Application Number differs, Replaced Current Application No
L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date